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Claim Amendments

This listing of the claims will replace all prior versions,

and listings, of claims in the application:

Claim 1 (original): A raster generation system for a printing

machine with an image-setting unit, comprising:

at least one raster processor for generating raster data from

raw image data; and

a memory for storing the raster data, said memory formed by a

raster memory with random access;

said raster processor storing the raster data column by column

in said raster memory.

Claim 2 (original): The raster generation system according to

claim 1, comprising a first plug-in interface board, said

raster memory and said raster processor disposed on said first

plug-in interface board.

Claim 3 (original): The raster generation system according to

claim 2, comprising:

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an image-setting unit; and

a DMA controller for controlling a transfer of the raster data
from said raster memory to said image-setting unit.

Claim 4 (original): The raster generation system according to
claim 1, comprising:

an image-setting unit; and

a DMA controller for controlling a transfer of the raster data
from said raster memory to said image-setting unit.

Claim 5 (original): The raster generation system according to
claim 4, comprising:

a buffer memory;

said DMA controller providing an output;

said buffer memory buffering said output of said DMA
controller.

Claim 6 (original): The raster generation system according to
claim 4, comprising a second plug-in interface board, said DMA

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controller and said buffer memory disposed on said second

plug-in interface board.

Claim 7 (original): A method of processing raster data for an

image-setting unit of a printing machine, which comprises:

generating raster data line by line from raw image data;

storing the raster data column by column in a raster memory

with random access; and

reading out the raster data column by column into an image-

setting unit.

Claim 8 (original): The method according to claim 7, which

comprises:

using a DMA controller to control the step of reading out the

raster data; and

buffering the raster data that has been read out in a buffer

memory.

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Claim 9 (new): The raster generation system according to

claim 1, wherein the raster data are generated line by line

from the raw image data.